

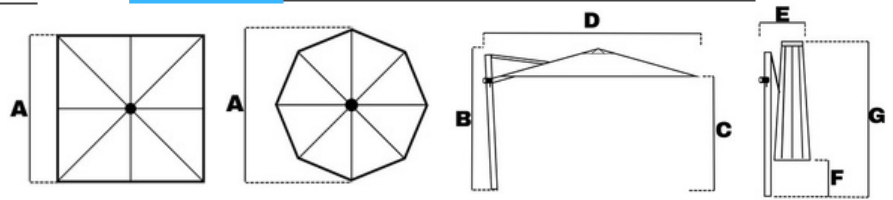


SHADE AUSTRALIA SUNHAVEN CLASSIC INSTALLATION & OPERATION GUIDE

Umbrella Components

- Sunhaven Classic Umbrella
- Polyester Protection Cover Your
- Selected Base Option

Dimensions



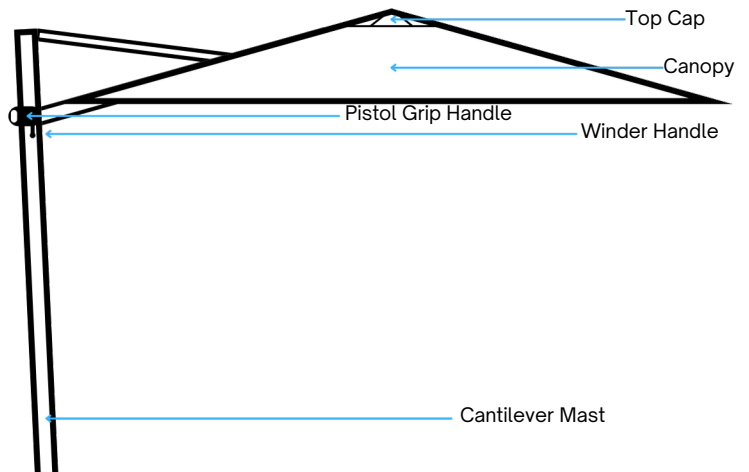
	A	B	C	D	E	F	G
3.0m Square	3000	2460	2000	3440	400	305	2445
3.5m Octagonal	3500	2460	2000	3800	400	790	2580
3.8m Octagonal	3800	2449	2000	4090	420	754	2705

*All measurements in mm

Contents

- Page 2** - Inground Base Installation
- Page 3** - Bolt Down Base Installation
- Page 4** - Sand Water Resin Base Installation
- Page 5** - Block Frame Galvanised Base Installation
- Page 6** - Umbrella Installation
- Page 8** - Umbrella Operation Manual

Terminology Key



Inground Base Installation

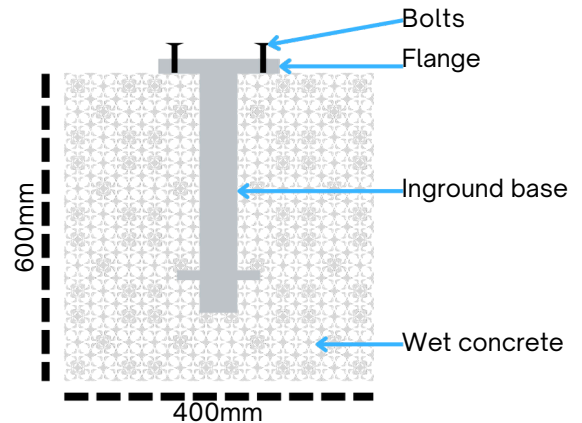
The Sunhaven Classic can be installed directly into the ground using an inground base. The base must be concreted into the ground and then the umbrella is bolted directly onto the base. Please read the following instructions for more information on how to do this.

1 Supplied

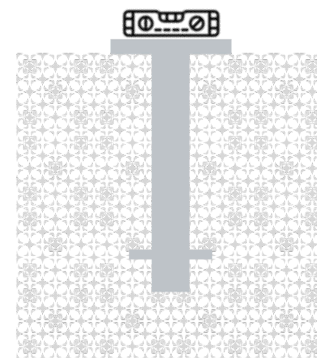
- 1 x Hot-dip galvanised inground base
- 4x Bolts

2 Installation Guide

- Dig a hole in the determined location of the Sunhaven Classic, approximately 600mm deep and 400mm wide. If the umbrella is being installed into loose or sandy soil then the hole will need to be larger.
- Fill the hole with concrete (20 MPa) mix.
- After this has been done, vertically install the base into wet cement so that the bottom of the inground flange is flush with the top of the concrete. To ensure that concrete doesn't affect the threading, screw the bolts into the inground base holes whilst doing this (1).
- Check to make sure that the base is dead level with a spirit level on top of the the plate (2). This is a very important step and must be done before leaving the concrete to set.
- Leave the concrete for approximately 3 hours and then remove the screws from the base. After this, leave the concrete to set firmly for 1 week before installing and standing the umbrella.
- After this has been done, follow the normal umbrella installation instructions.



1 - Install the base into a 600 x 400mm hole, with the underside of the flange sitting at ground level.



2 - Use a spirit level to ensure the base is dead level.

Bolt Down Base Installation

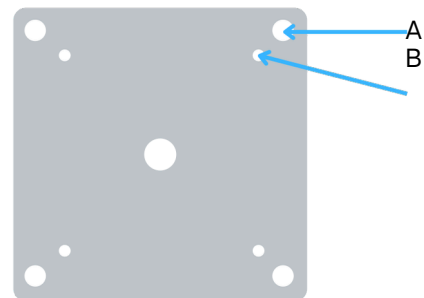
The Sunhaven Classic can be installed directly into reinforced concrete or wood using a bolt down baseplate. The baseplate is 180x180x10mm and requires 4 x M8 anchor bolts to be secured to a 100mm thick reinforced concrete slab.

1 Supplied

- 1 x Hot-dip galvanised baseplate
- 4x Bolts

2 Installation Guide

- Determine the position and orientation where you're looking to secure the bolt down baseplate and mark this area. The surface that is being drilled into must be reinforced. Ensure that the surface is as level as possible.
- Use a masonry drill bit to drill the holes. Then using 4x Hilti M8 anchor bolts, dynabolts or equivalent, secure the umbrella to the ground by drilling through the baseplate. Use the four outer holes to drill into concrete (3), the four inner holes are to attach the umbrella to the baseplate.
- Attach the rotate bearing to the baseplate after it has been secured. From here, follow the normal umbrella installation instructions.



3 - The bolt down baseplate. The larger corner holes (A) are for the baseplate to be drilled into concrete, whereas (B) is used to attach the plate to the rotate bearing.

Sand Water Resin Base Installation

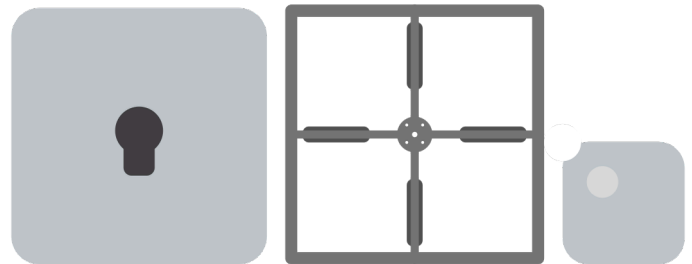
For a mobile alternative, the Sunhaven Classic can be installed onto a Sand Water Resin base. These bases can come with lockable wheeled castors can hold a weight of up to 160kgs.

1 Supplied

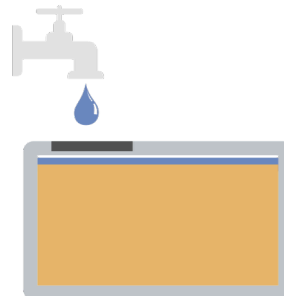
- 1x Sand Water Resin Base Kit (4)
- 4x Wheeled Castors (if purchased)

2 Installation Guide

- Unbox and remove the contents from the base carton. After lifting the resin cover, unscrew the caps of the tubs.
- If you are using castors, secure them to each corner of the base frame before re-fitting each tub.
- Fill each tub. The best method to do this is by filling each tub with sand close to the top, then filling the remainder of the tub with water (5). Do not only fill the tubs with water as it will eventually evaporate and the umbrella will be unbalanced.
- Re-screw the lids onto the tubs after they have been filled, and place them back into the base frame.
- Using the allen key and bolts provided, secure the foot pedal onto the base.
- Refit the resin cover back over the frame once the foot pedal has been attached. The base is now ready for the umbrella to be fitted.



4 - The kit will include the resin base cover (left), the base frame (centre) and 4x sand tubs (right). It will also include the necessary bolts and allen keys. Castors will also be included if purchased.



5 - Fill the majority of the tub with sand and fill the rest with water.

Block Frame Galvanised Base Installation

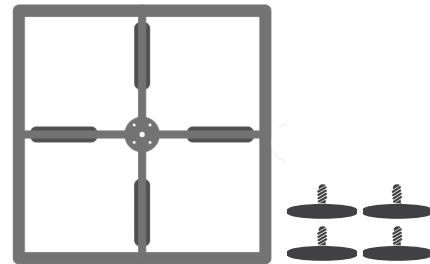
The Sunhaven Classic is also compatible with a block frame style base that can hold up to 12 pavers, with a total weight of around 200kg. It will need at least 8 pavers.

1 Supplied (6)

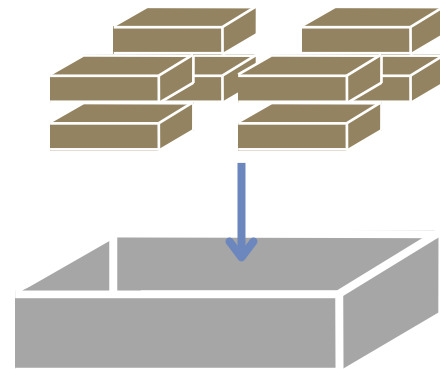
- 1x Block Frame Base Kit
- 4x Wheeled Castors (if purchased)

2 Installation Guide

- Unbox and remove the contents from the carton.
- Fit the feet or castors in the bottom of the block frame. This is done by screwing the castors into the predrilled holes in the corners of the frame, the process is the same for both feet and wheeled castors.
- Next, add the pavers to the base. Pavers can be purchased from any general garden or hardware supply store and should have measurements of **400x400x40mm** (5). The base should comfortably fit at least 8 of these pavers and will need to weigh over 120kgs in order to be satisfactory.



6 - The kit will include the block frame and four feet to screw into the bottom of the base. If stainless steel castors have been purchased, they will be included in this kit too.



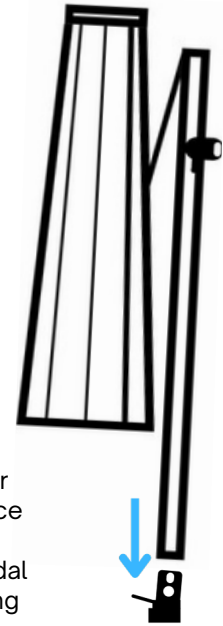
7 - Place the pavers into the block frame base after the feet or wheels have been connected.

Umbrella Installation

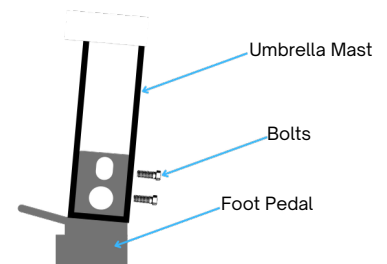
Now that the base has been set up, the actual Sunhaven umbrella can be moved into place. The umbrella is heavy and should be handled by two able-bodied people to reduce the chance of injury.

1 Installation Guide

- After the umbrella has been taken out of the packaging, slide it over the umbrella locking foot pedal. The front (fabric side) of the umbrella should be facing the same way as the umbrella pedal (8).
- Secure the umbrella to the locking pedal using the two bolts that go through the back of the Cantilever mast into the pedal (9).
- Remove all cardboard and other packaging materials. Packaging may have been fitted to the umbrella underneath the canopy.



8 - Slide the umbrella over the locking foot pedal once the pedal is locked in. Ensure that the actual pedal and the umbrella are facing the same way.



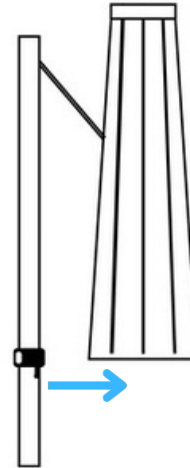
9 - Secure the umbrella using the bolts provided.

Umbrella Operation Manual

Operating the Sunhaven is quite manageable, although there are some important operation tips that will assist in prolonging the umbrella's lifespan.

1 Opening The Umbrella

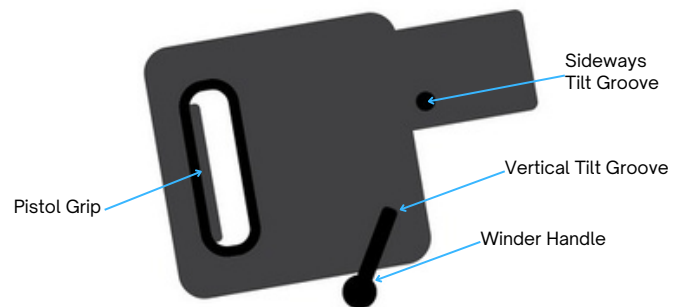
- Push the umbrella forward away from the mast before opening (10). This will make the winder handle catch much quicker and will release the tension on the internal cord.
- Squeeze the pistol grip to unlock the handle and simultaneously wind the winder handle clockwise to lift the umbrella up. To do this in the way that is easiest on the internal cord, ensure that the handle stays at the same elevation as the umbrella fabric edge as it is being opened.



10 - Push the umbrella away from the central mast before opening.

2 Tilting The Umbrella

- To tilt the umbrella backward, simply push the handle grip in and lower until you are happy with the angle. Once you release pressure from the handle grip, the umbrella will lock into place at the closest locking point.
- To tilt the umbrella sideways, take the winder handle from it's normal slot and fit it into the second winder handle groove. From here you can tilt it either clockwise or anti-clockwise depending on which way you want the umbrella to tilt.



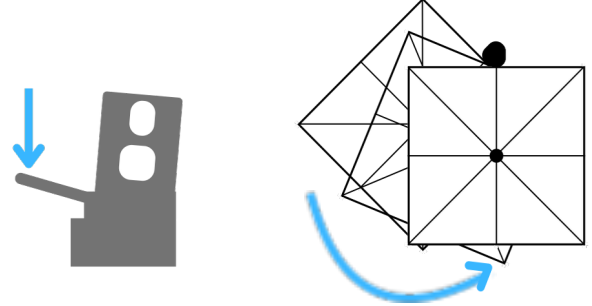
11 - Sunhaven Tilt Handle anatomy.

NB: Always ensure that the umbrella is returned to its right angle before lowering.

Umbrella Operation Manual

1 Rotating The Umbrella

- To turn the umbrella, simply push down on the locking foot pedal and turn the umbrella in the desired direction. Once you have rotated it to your desired spot, take your foot off the pedal and the umbrella will lock in place (12).



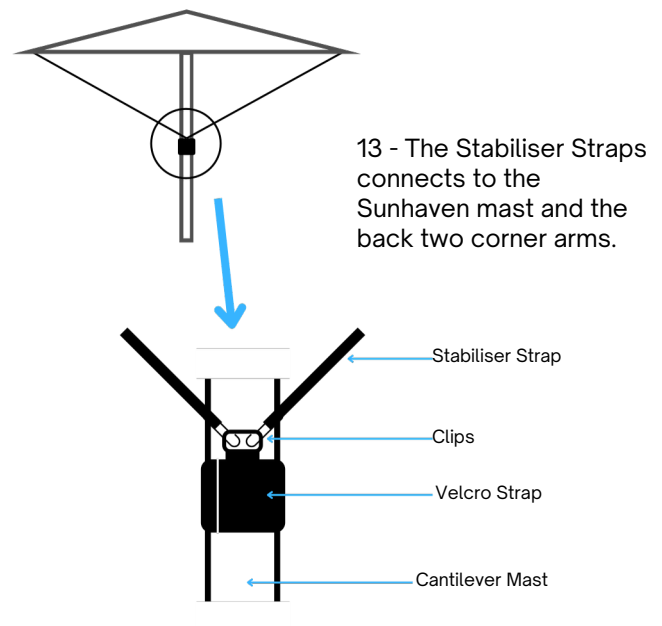
2 Wind Stabiliser Straps

- Wind Stabiliser Straps are an optional extra to reinforce square shaped Sunhaven Umbrellas. It will not make the umbrella 'windproof' but will give it some extra strength against windy conditions. To attach the straps, use the larger velcro strap to wrap around the Cantilever mast around halfway up the pole (13).
- After this has been completed, secure the two smaller velcro lengths around the back corners of each arm and attach the straps to the velcro using the clip on the end of each strap, once secured, tighten the straps until they are tense.

12 - To rotate the umbrella, push down on the locking foot pedal and turn the frame to your desired orientation, it will naturally lock in place once you take your foot back off the pedal.

3 Closing The Umbrella

- Ensure that the umbrella is in its upright position and the winder handle is in the vertical tilt slot before closing.
- Wind the winder handle anti-clockwise whilst sliding the grip down the mast. Ensure that the grip and fabric edge are at the same height as you close. If the umbrella comes to a stop just before it closes completely, it may need to be pulled in manually.
- Secure it with the velcro strap and protection cover if it is being left alone for a while.



13 - The Stabiliser Straps connects to the Sunhaven mast and the back two corner arms.